



Software Construction and Development Lab

Quiz 01

Name : Muhammad Shamoil

Reg ID: 232025

Section : BSSE – V -A

Submitted to : Sir Shareef

Java Installation

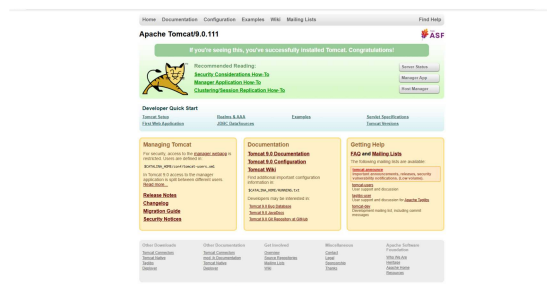
```
C:\Users\232025>java --version
java 24.0.2 2025-07-15
Java(TM) SE Runtime Environment (build 24.0.2+12-54)
Java HotSpot(TM) 64-Bit Server VM (build 24.0.2+12-54, mixed mode, sharing)
```

Tomcat Setup

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\232025\Downloads\apache-tomcat-9.0.111\bin> ./startup.bat
Using CATALINA_BASE:   "C:\Users\232025\Downloads\apache-tomcat-9.0.111"
Using CATALINA_HOME:   "C:\Users\232025\Downloads\apache-tomcat-9.0.111"
Using CATALINA_TMPDIR: "C:\Users\232025\Downloads\apache-tomcat-9.0.111\temp"
Using JRE_HOME:        "C:\Program Files\Java\jdk-24"
Using CLASSPATH:        "C:\Users\232025\Downloads\apache-tomcat-9.0.111\bin\bootstrap.jar;C:\Users\232025\Downloads\apac
he-tomcat-9.0.111\bin\tomcat-juli.jar"
Using CATALINA_OPTS:   ""
```

[illegible]

ello, Tomcat + NetBeans + JDK are working!

Student Registration Form

Name

Shamoil

Email

shamoil004@gmail.com

Registration No

232025

Address

123

Mobile No

123

Department

123

Class

123

Section

123

Register

```
-- war:3.4.0:war (default-war) @ 232025_MuhammadShamoil_Quiz01 ---
ackaging webapp
ssembling webapp [232025_MuhammadShamoil_Quiz01] in [C:\Users\232025\Documents\NetBeansProjects\232025_MuhammadShamoil_Quiz01\target\232025_MuhammadShamoil_Quiz01-1.0-SNAPSHOT]
rocessing war project
opying webapp resources [C:\Users\232025\Documents\NetBeansProjects\232025_MuhammadShamoil_Quiz01\src\main\webapp]
uilding war: C:\Users\232025\Documents\NetBeansProjects\232025_MuhammadShamoil_Quiz01\target\232025_MuhammadShamoil_Quiz01-1.0-SNAPSHOT.war
-----
UILD SUCCESS
-----
otal time: 1.227 s
inished at: 2025-10-20T03:57:55-07:00
-----
eploying on Apache Tomcat or TomEE
  profile mode: false
  debug mode: false
  force re deploy: true
ndeploying ...
ndeploy?path=/232025_MuhammadShamoil_Quiz01
K - Undeployed application at context path [/232025_MuhammadShamoil_Quiz01]
n-place deployment at C:\Users\232025\Documents\NetBeansProjects\232025_MuhammadShamoil_Quiz01\target\232025_MuhammadShamoil_Quiz01-1.0-SNAPSHOT
eployment is in progress...
eploy?config=file%3A%2F%3A%2FUsers%2F232025%2FAppData%2FLocal%2FTemp%2Fcontext10633745333438282880.xml;path=/232025_MuhammadShamoil_Quiz01
K - Deployed application at context path [/232025_MuhammadShamoil_Quiz01]
tart?path=/232025_MuhammadShamoil_Quiz01
K - Started application at context path [/232025_MuhammadShamoil_Quiz01]
```

Registered Students

Name	Email	Reg No	Address	Mobile	Department	Class	Section
Shamoil	shamoil004@gmail.com	232025	123	123	123	123	123
Shamoil	shamoil004@gmail.com	232025	123	123	123	123	123
Shamoil	shamoil004@gmail.com	232025	123	123	123	123	123